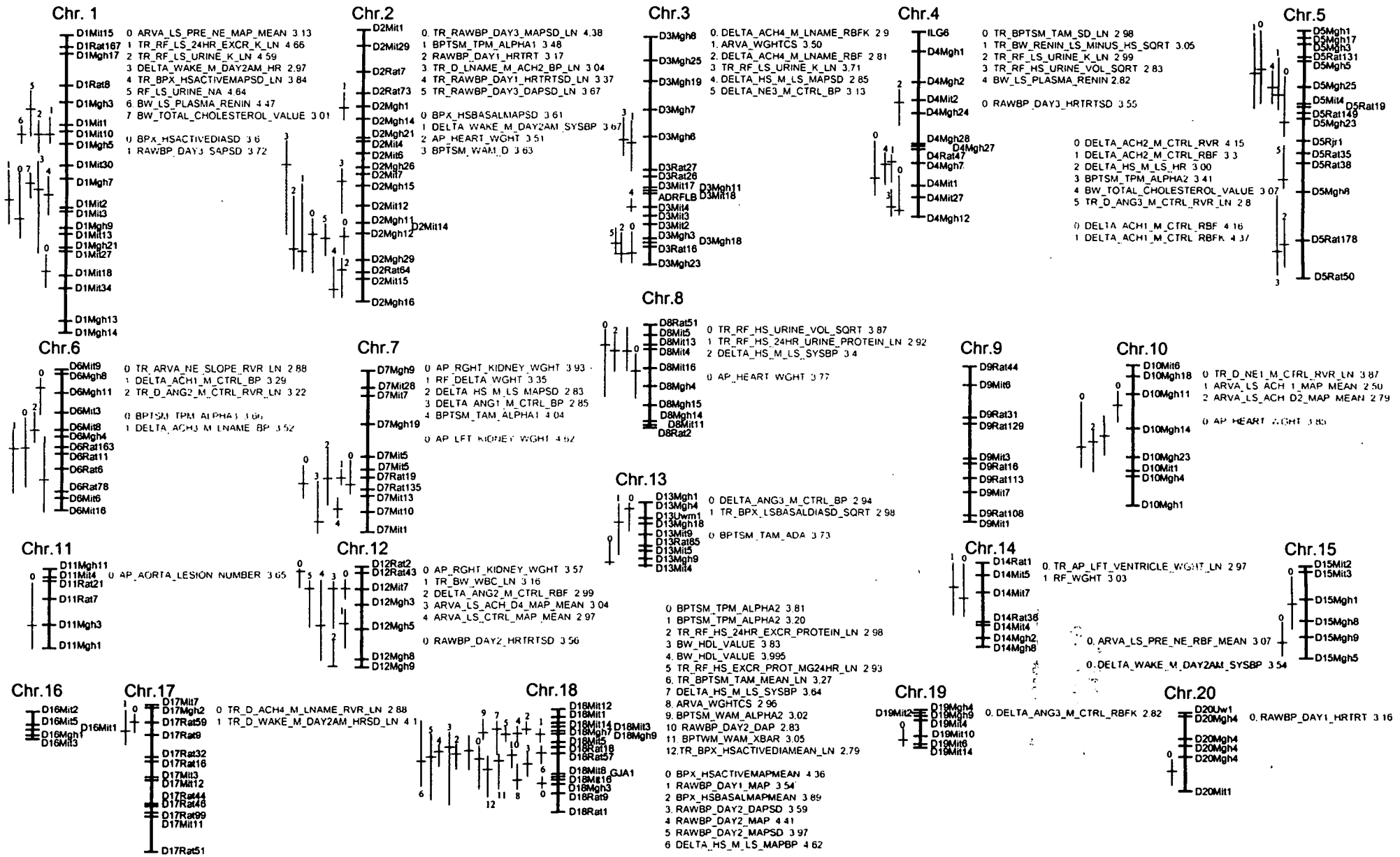
FIG. 1 COURTESY COPY



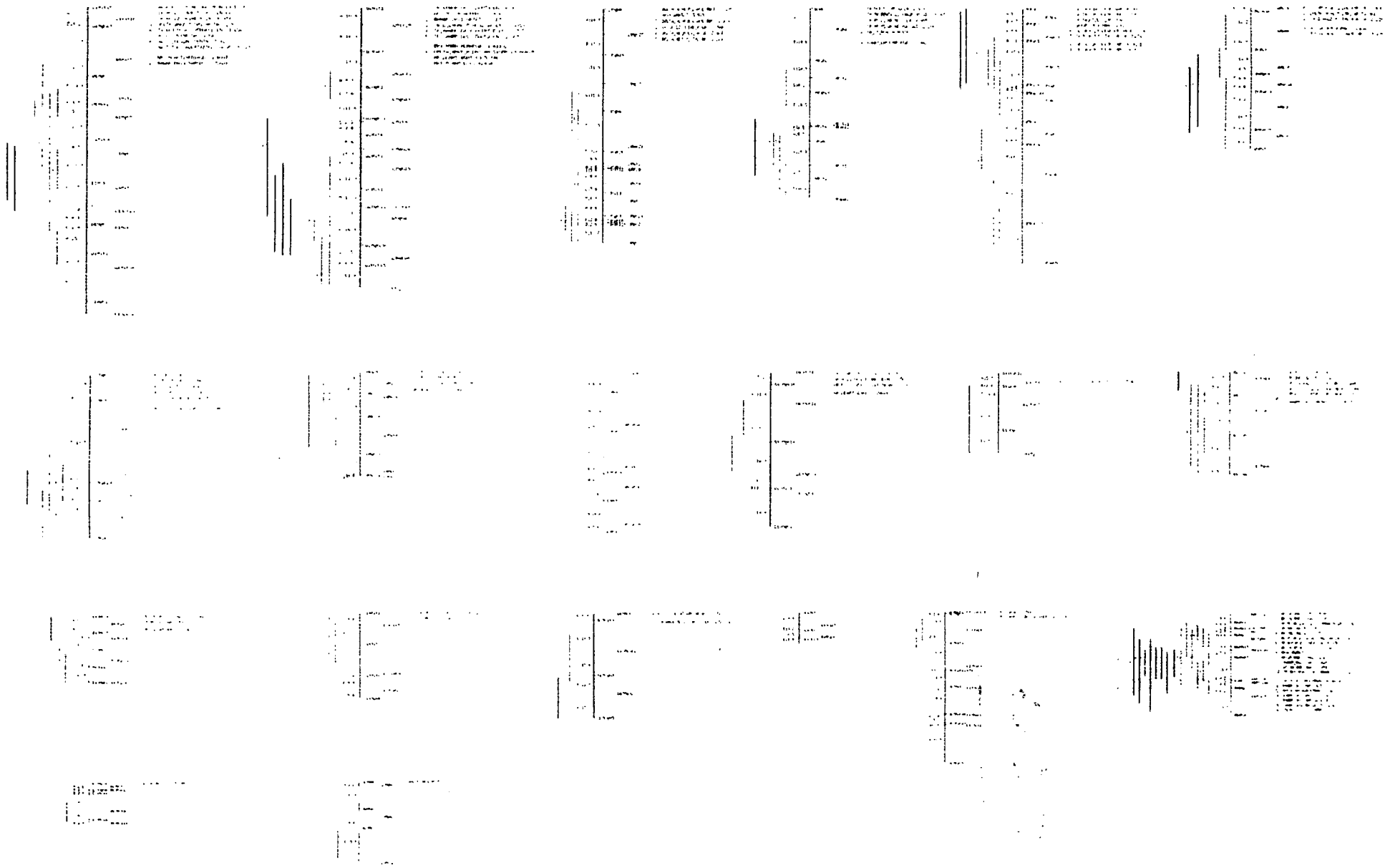


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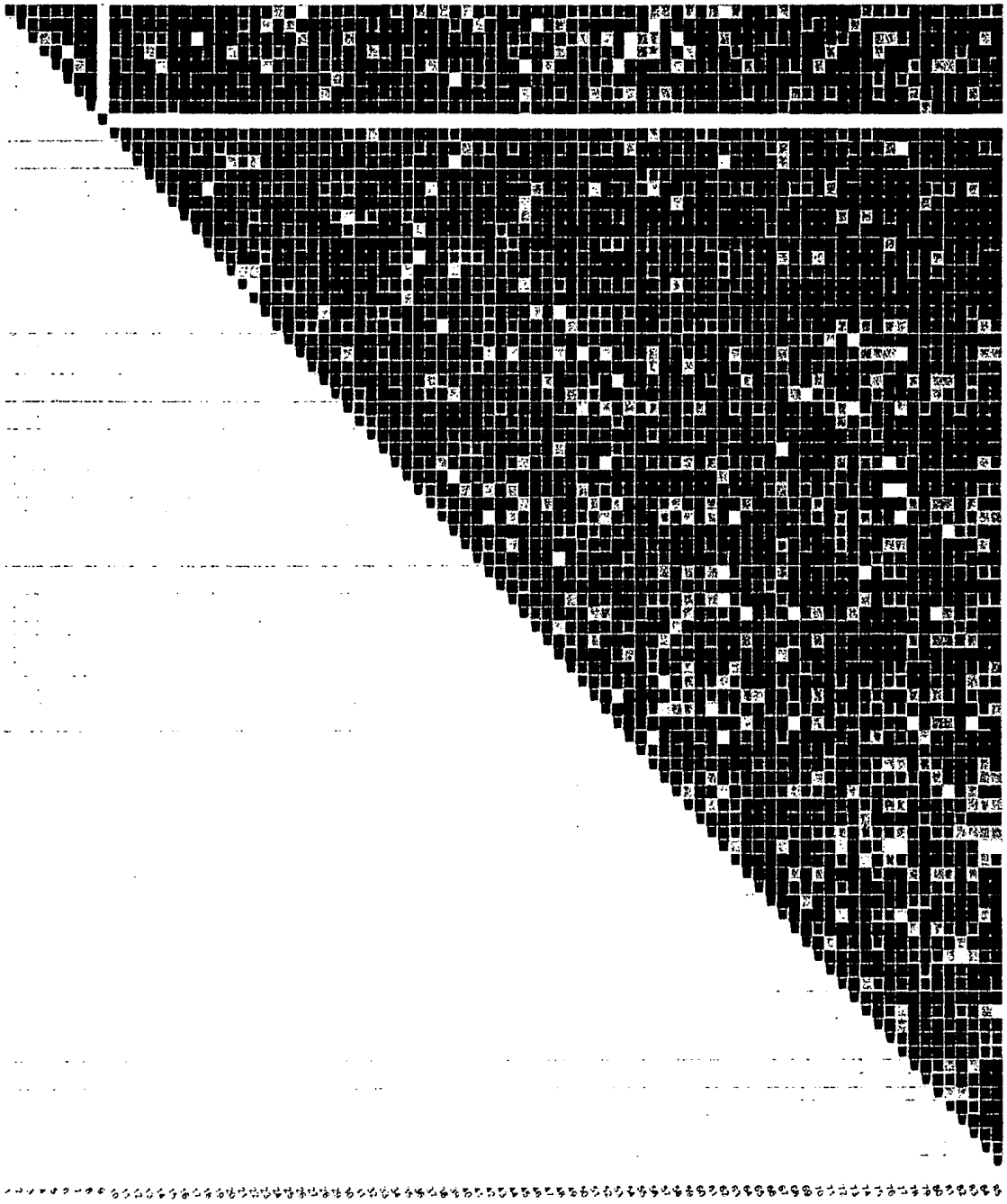
Figure 2: Colorization of a random correlation matrix for BN



NA

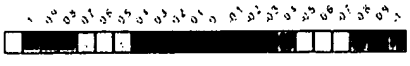


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Figure 3: Functionally clustered physiological profile

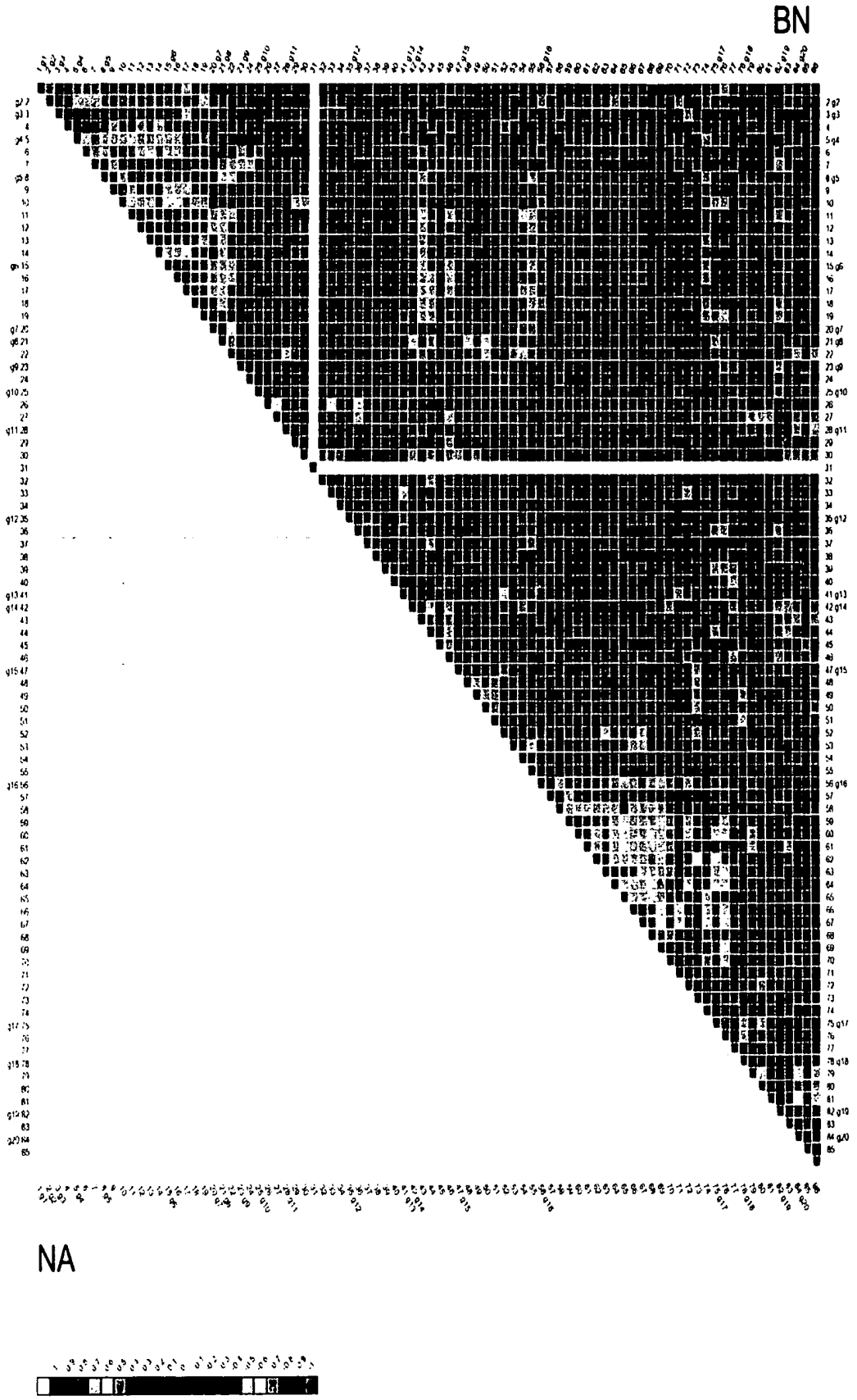

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Figure 4: Composite matrices of two physiological profiles generated by functional clustering and algorithm-based clustering

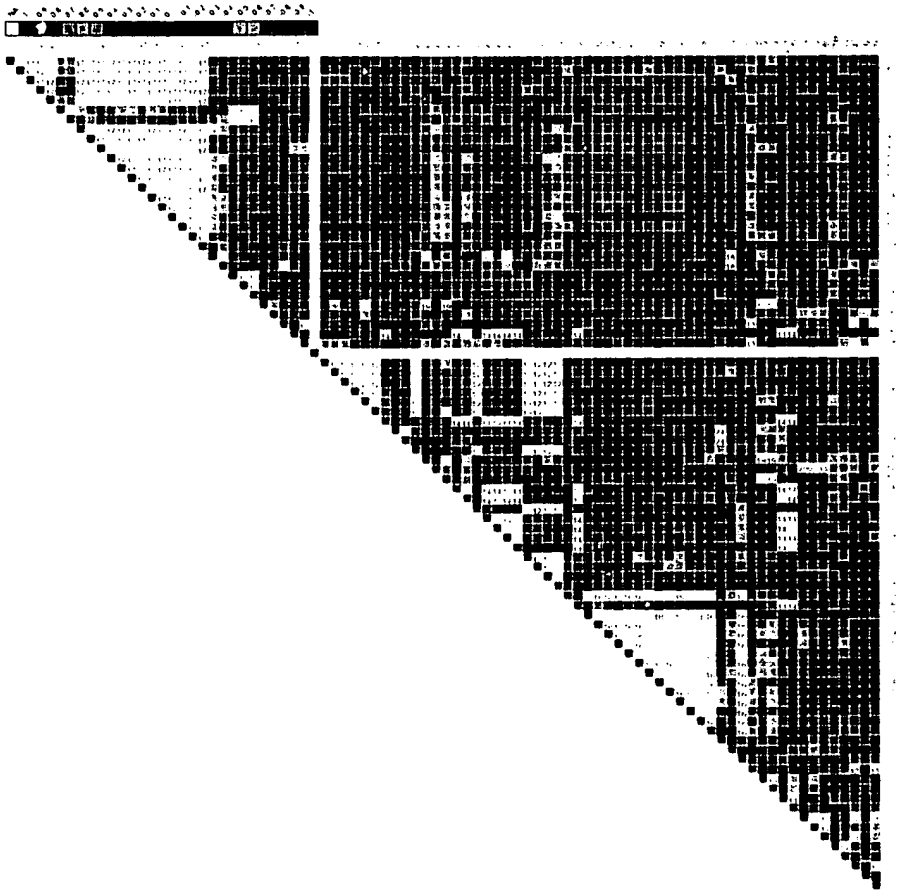

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Figure 5: Physiological Profiling of autoregulation of blood flow in the SS and BN rat.

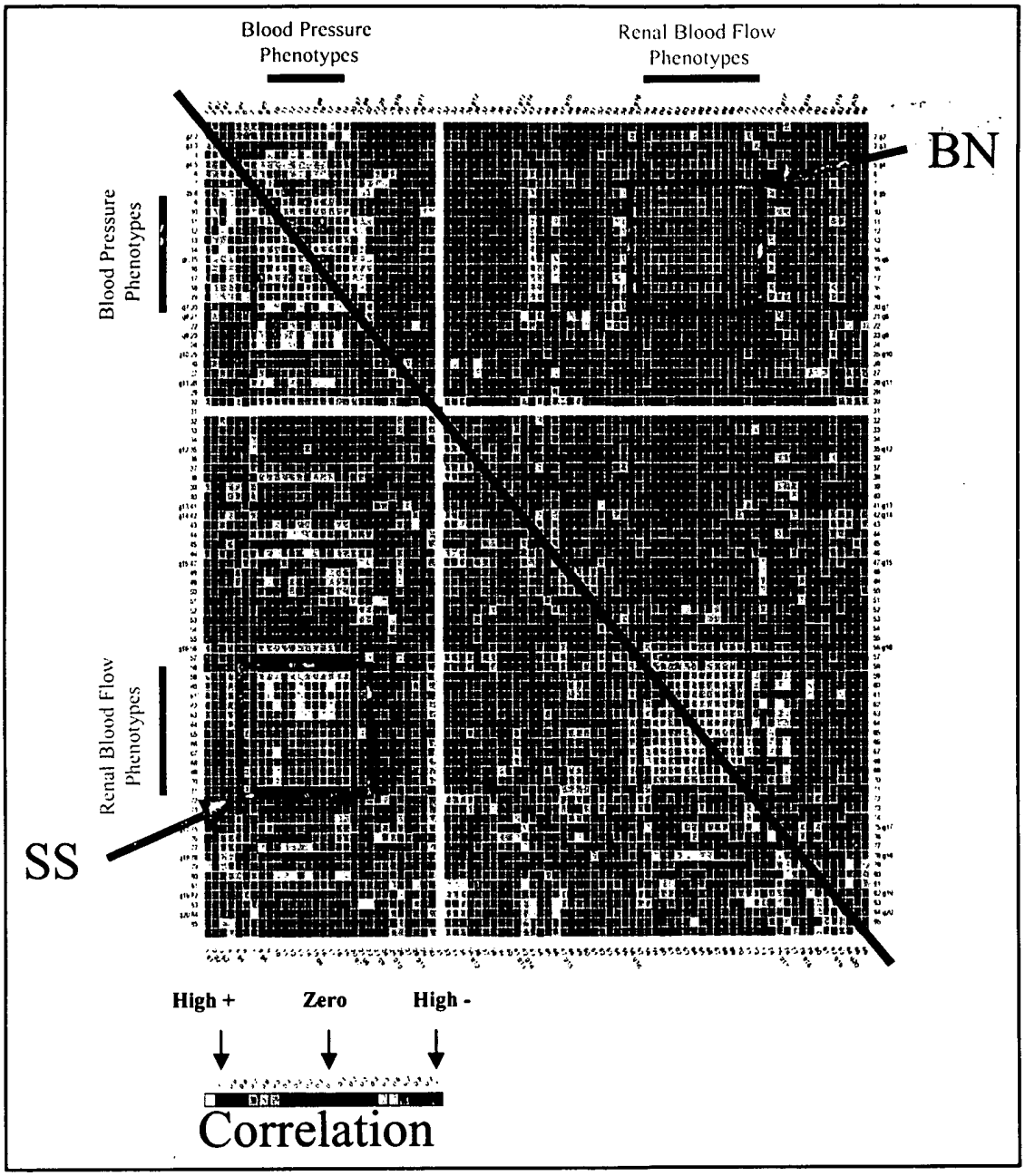

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Figure 6: Composite profiles of parental BN and F2 progeny rats generated by overlaying functionally clustered correlation matrices with algorithm clustered correlation matrices

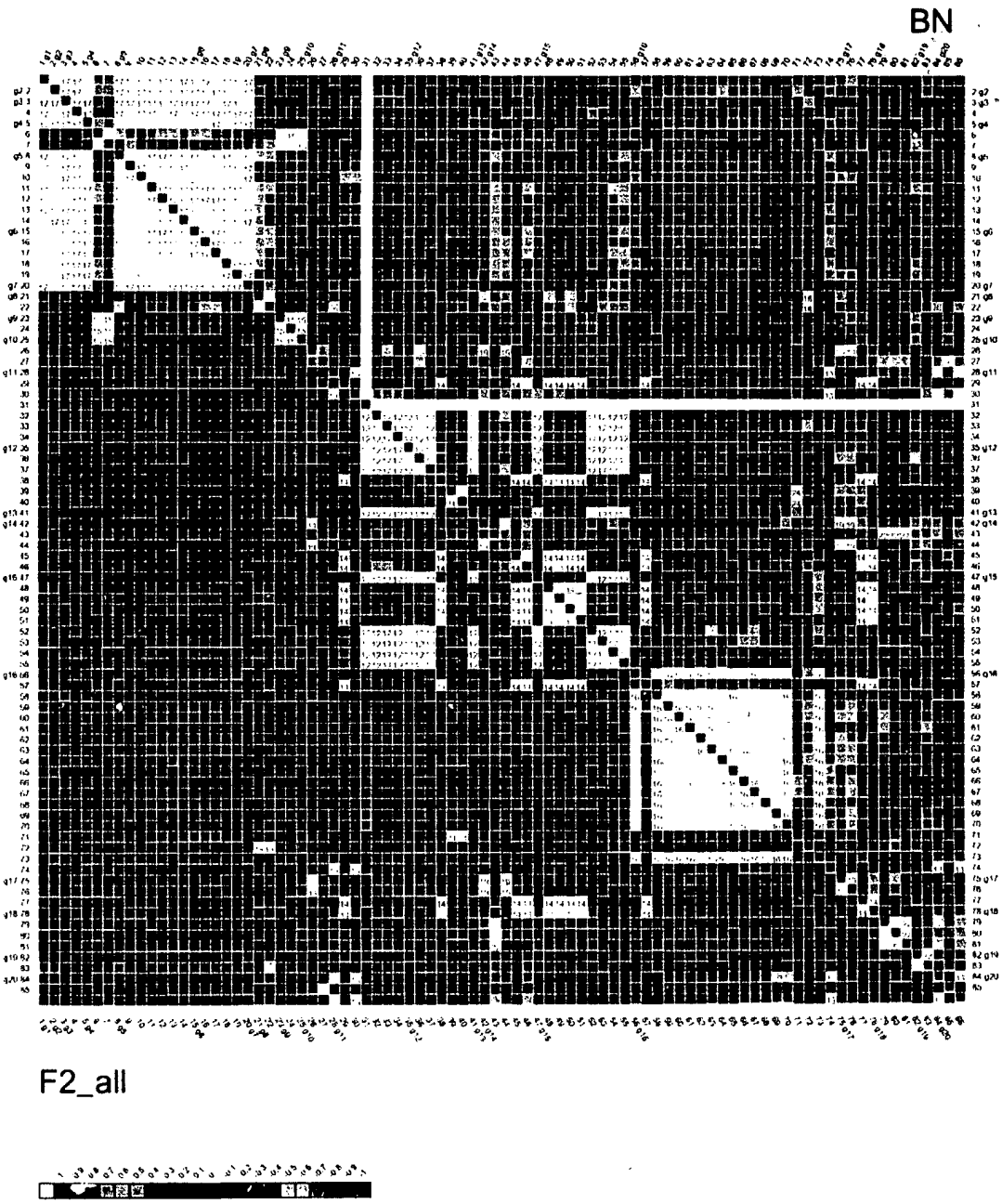

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Figure 7A: Physiological profiles of the entire F2 population and the F2 progeny population that fall in the left 10 % of a distribution after a salt challenge

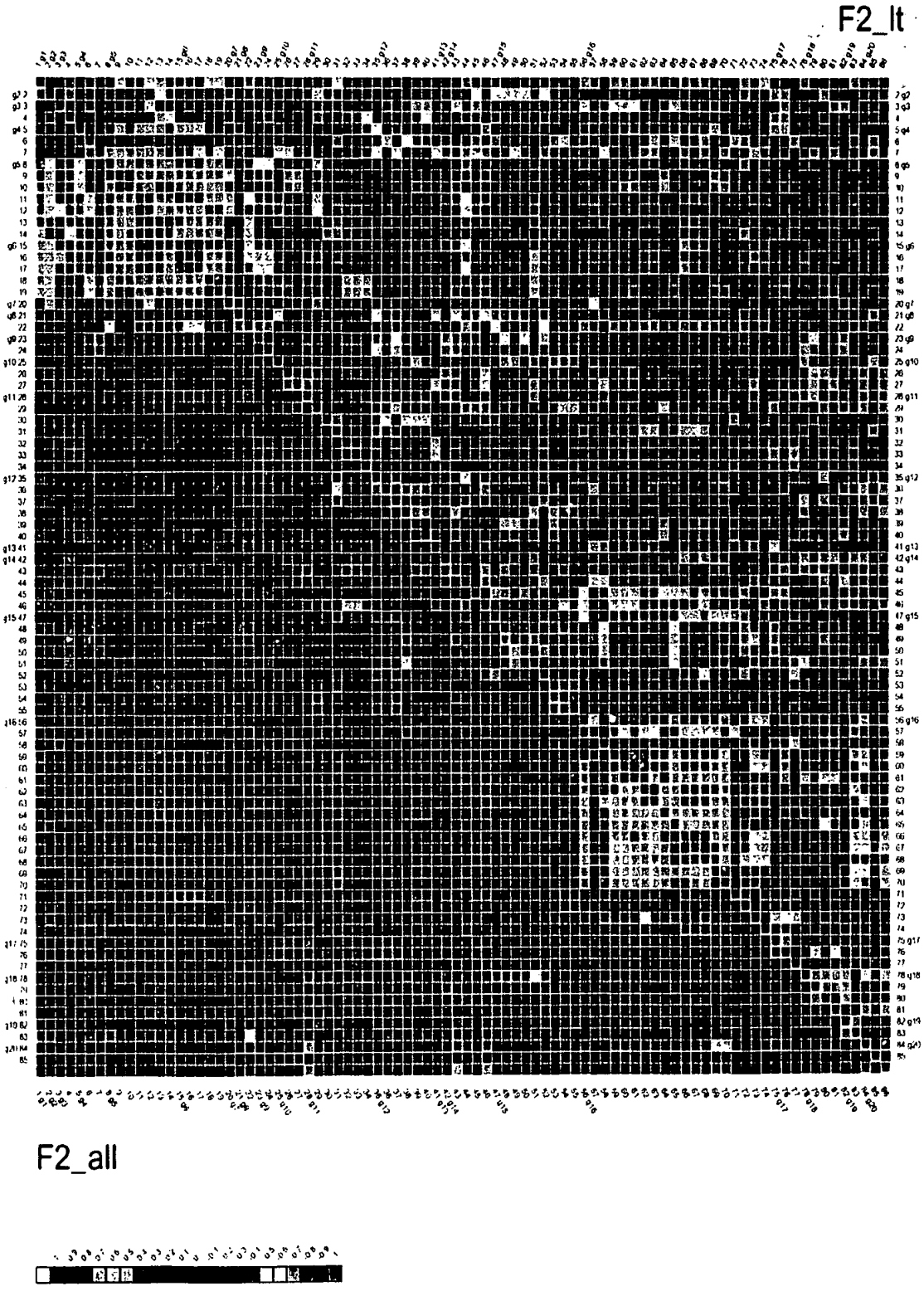

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Figure 7B: Physiological profiles of the entire F2 population and the F2 progeny population that fall in the right 10 % of a distribution after a salt challenge

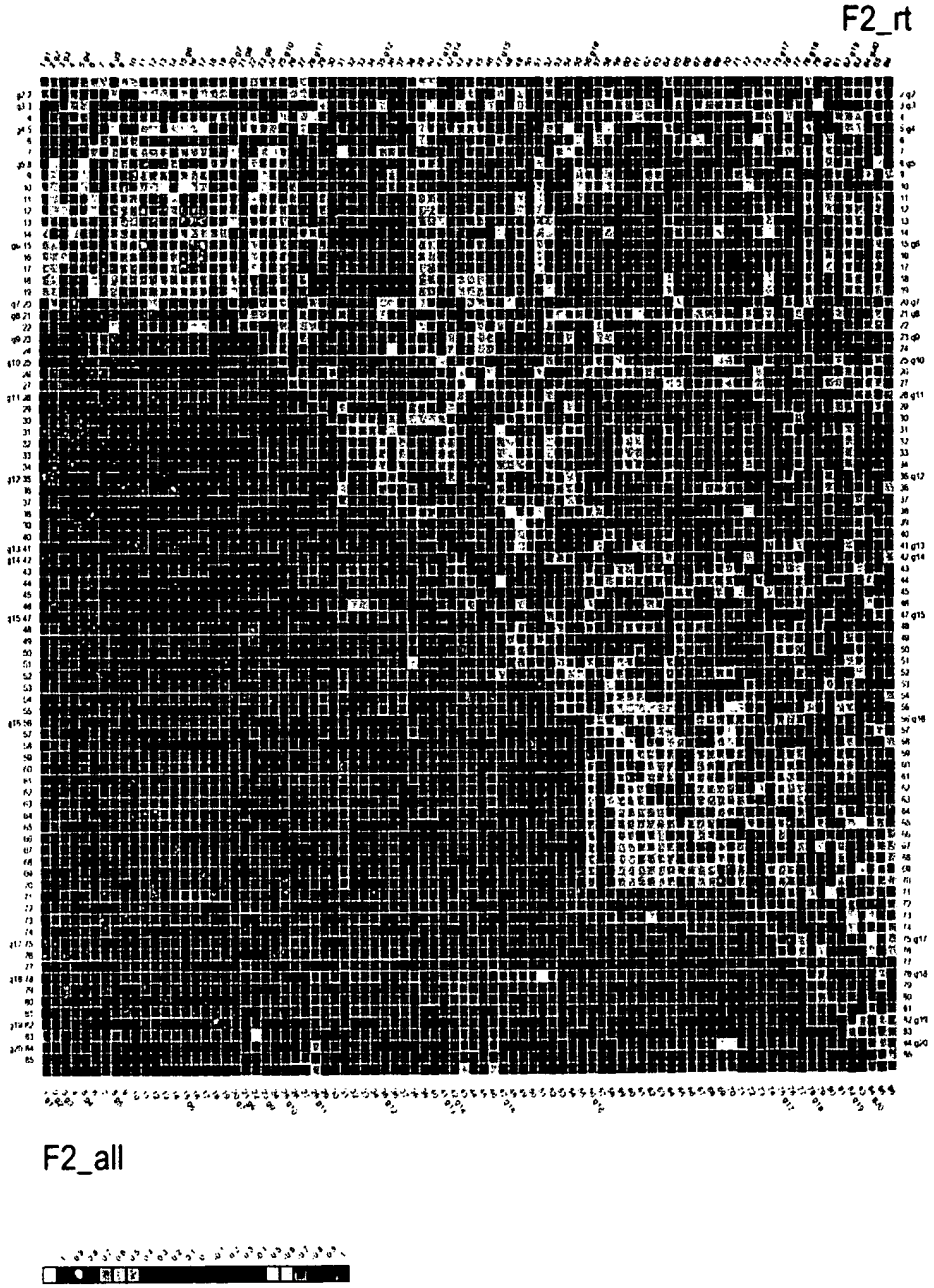

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Figure 8A

F2 male genotype homozygote SS/SS at D10Mgh14 marker on chr 10

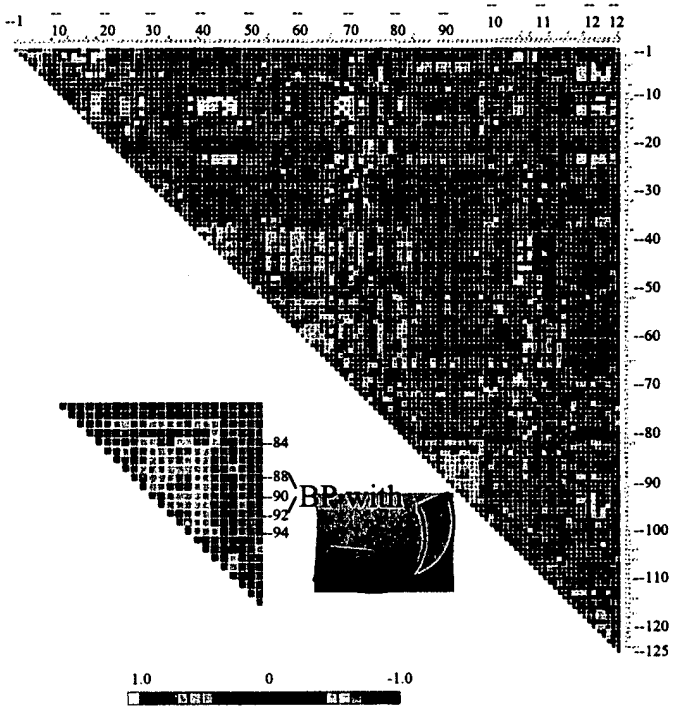

Figure 8B

F2 male genotype homozygote BN/BN at D10Mgh14 marker on chr 10

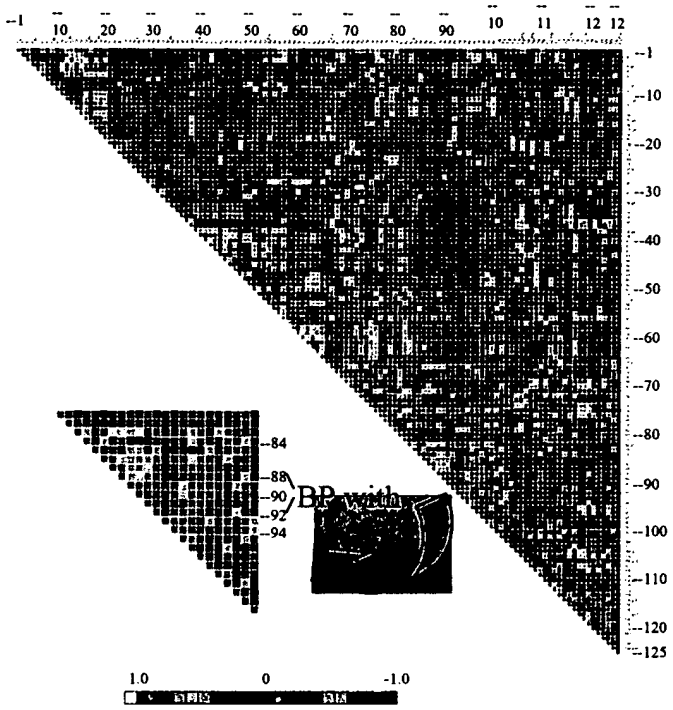

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Figure 9

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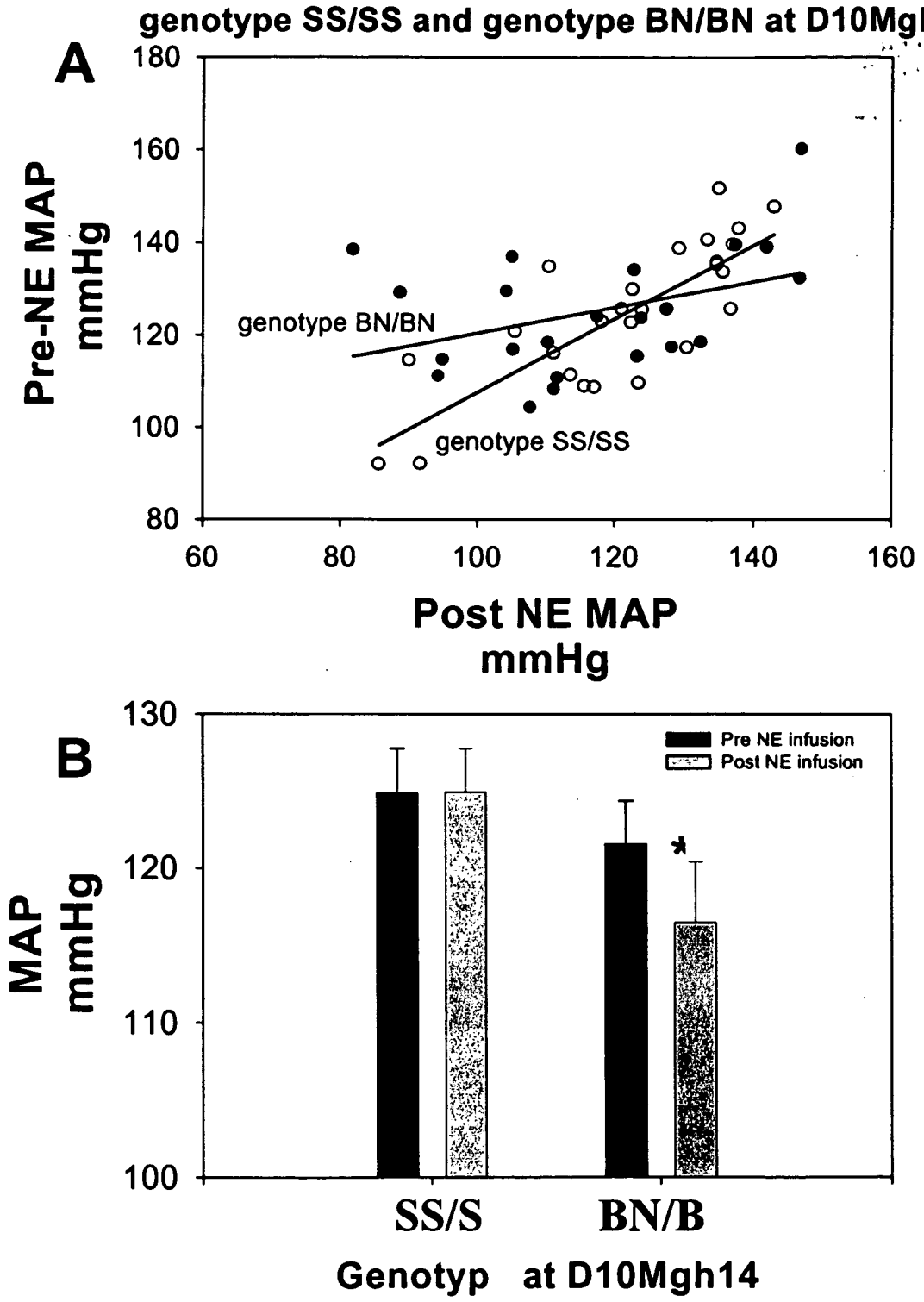

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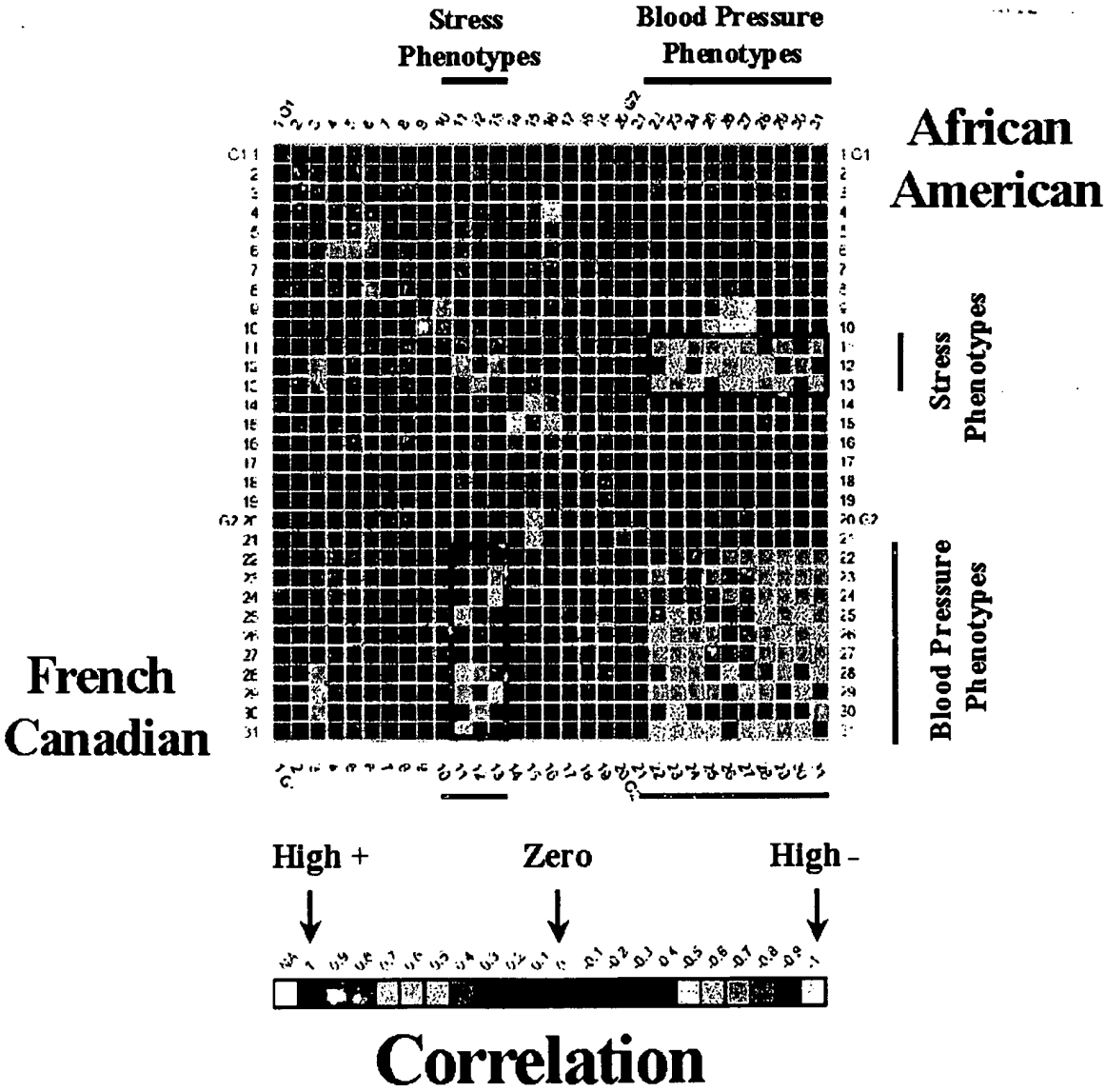
Figure 10: physiological profiles of French Canadian and African American hypertensive patients